



# Synapse Pain Academy

Certificate Course in  
Interventional Pain  
Management (CCIPM)

**Course Coordinators:**

Dr Karthic Babu Natarajan  
MBBS, MD (Anes), DNB, FIPM, FIPP (WIP)

Dr Vanmathy Venkatapathy  
MBBS, MD (Anes), DNB, DESA (EU),  
FCIPM, FIPM (AA)

# 01 CCIPM

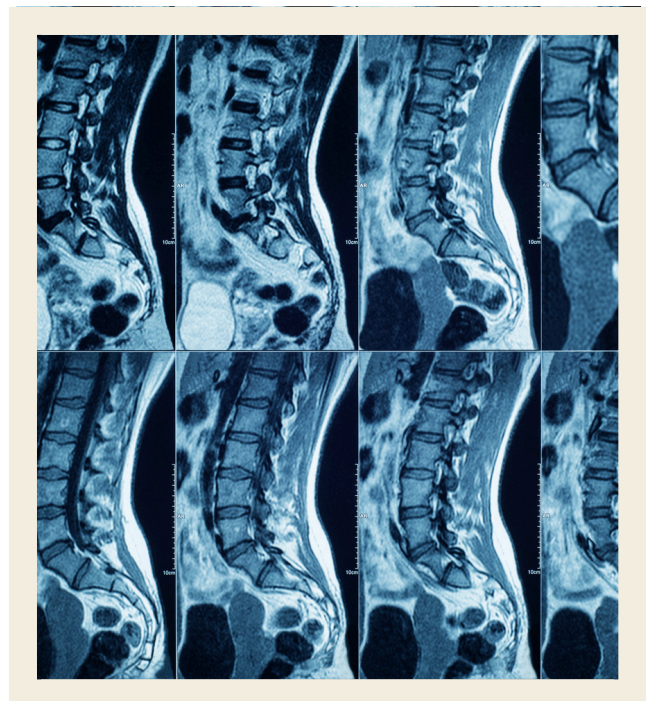


## DAY 1: MONDAY

- Introduction to Pain Medicine
- Anatomy of the cervical, thoracic and lumbar spine
- Assessment & classification of Pain
- Basics of ultrasound-guided pain interventions
- Case discussions
- Demonstrations of live pain interventions

## DAY 2: TUESDAY

- Pain Pharmacology
- Equipment in Pain Medicine
- How to read x-ray & MRI films
- Case discussions
- Demonstrations of live pain interventions
- Mannequin Practice Hands-on-Fluoroscopy guided



# CCIPM 02

## DAY 3: WEDNESDAY

- Lower back pain – Evaluation, diagnosis and treatment
- Facet joint arthropathy
- Sacro Iliac Joint arthropathy,
- Lumbar disc disease, Piriformis Syndrome
- Lumbar canal stenosis, Spondylolisthesis
- How to examine a patient with back pain?
- Demonstrations of live pain interventions



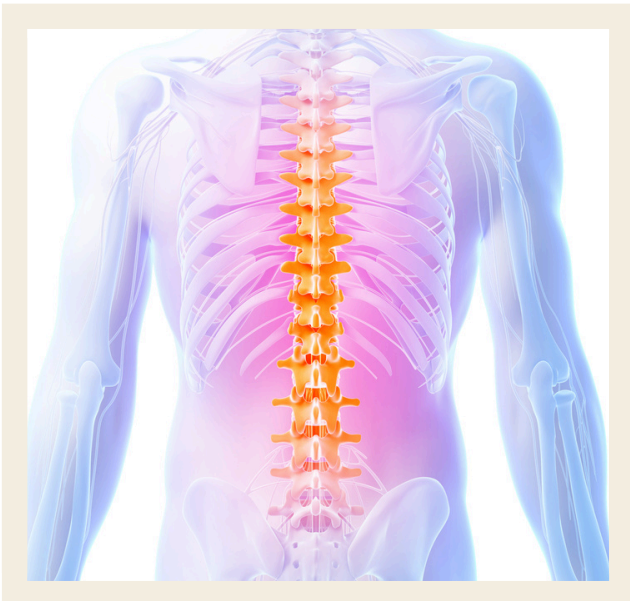
## DAY 4: THURSDAY

- Cervical spine pain – Evaluation, diagnosis and treatment
- Cervical facet arthropathy / Whiplash
- Cervical disc disease
- How to examine a patient with neck pain?
- Regenerative Medicine – PRP & BMAC Injections in Pain Medicine
- Case Discussions.
- Demonstrations of live pain interventions
- Mannequin Practice – Hands-on – Fluoroscopy guided

# CCIPM 03

## DAY 5: FRIDAY

- Cancer Pain Management:
- Sympathetic Nerve blocks
- Advanced Pain Interventions
- Epidural Adhesionolysis
- Ultrasound-guided pain interventions on volunteers
- Case Discussions
- Demonstrations of live pain interventions



## DAY 6: SATURDAY

- Neuropathic Pain Syndromes
- Fibromyalgia
- Myofascial Pain
- CRPS
- Trigeminal Neuralgia
- Case discussions
- Demonstrations of live pain interventions
- Mannequin Practice - Hands-on – Fluoroscopy guided
- Doubt Clearing



# 04 CCIPM

## Your Course Coordinators:



**Dr. Karthic Babu Natarajan**  
MBBS, MD (Anes), DNB, FIPM, FIPP (WIP)



**Dr. Vanmathy Venkatapathy**  
MBBS, MD (Anes), DNB, DESA (EU),  
FCIPM, FIPM (AA)

\*This is the usual teaching schedule but may vary according to individual batches.  
Live pain procedure demonstrations are subject to availability.



**Synapse Pain & Spine Clinic**  
*Expertise in Neck, Back & Knee Pain*

**Musculoskeletal, Sports Injuries & Chronic Pain Clinic**

Address : Block M-90/1, Annai Velankanni  
Road, Besant Nagar, 7th Avenue, Chennai,  
Tamil Nadu 600090

- Website - [Synapsepain.com](http://Synapsepain.com)
- Email - [synapsepain@gmail.com](mailto:synapsepain@gmail.com)
- Phone : 7338882222 | 044 49591500